

MONTANA DEPARTMENT OF FISH AND GAME  
FISHERIES DIVISION

## JOB PERFORMANCE REPORT

STATE: Montana TITLE: Northwestern Montana Reservoir  
Investigations

PROJECT NO: F-34-R-10 TITLE: Life Cycle Studies of Westslope  
Cutthroat Trout

JOB NO: IIIA

PERIOD COVERED: 1 July 1975 through 30 June 1976

## OBJECTIVES

The objectives of this job were to complete the analysis of data collected from Hungry Horse Creek from 1963 through 1972 and write a final report.

## ACCOMPLISHMENTS

Much of the effort planned for this job was diverted to Job IV A, Inventory and Survey of North Fork Flathead River. Scales collected from spawning westslope cutthroat trout (Salmo clarki subsp.) in 1964 and 1968 were re-analyzed and compared to the first readings. Agreement between the two readings occurred about 70 percent of the time. Most disagreement occurred in number of years spent in the reservoir after smolting. Sex ratios, average size and range and spawning population estimates were recalculated for the years 1968 through 1970. These calculations agreed with the first analysis.

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Date: 1 September 1976